

Jon Bossom

From: [REDACTED]
Sent: Thursday, March 31, 2011 1:47 PM
To: [REDACTED]
Cc: [REDACTED]
Subject: FW: Overhead Doors

From: Caputo, Bob [<mailto:BCaputo@nfpa.org>]
Sent: Thursday, March 31, 2011 1:33 PM
To: [REDACTED]
Subject: RE: Overhead Doors

[REDACTED]

Still no... sidewall sprinklers are normally used in LH only but some are listed for OH. None are listed for greater hazards than OH but the provision to allow the use of a SSW sprinkler is specific and was added to the standard based on full committee review of a proposal during a code cycle (2002 I believe). You are welcome to submit a proposal to add this allowance to the ECSW section but currently, that provision does not exist.

IF the overhead door is located within a light or ordinary hazard occupancy, I would say yes but not within a warehouse (storage) or EH occupancy.
Of course the local AHJ is within his or her purview to allow you to use the ECSW under §1.5 and 1.6

Bob Caputo, CFPS, CET
Fire Protection Specialist
NFPA Consultant

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Check out NFPA on...



From: [REDACTED]
Sent: Thursday, March 31, 2011 6:59 AM
To: Caputo, Bob
Subject: RE: Overhead Doors

So would we be able to use extended coverage sidewalls below overhead doors, under rule 8.9.5.3.2?
With the same criteria of ordinary hazard at roof and light hazard below doors, or even extended coverage sidewalls for ordinary hazard coverage below doors.

Example would be a 16x24 overhead door needing 1 extended coverage sidewall instead of 4 standard coverage sidewalls.

From: Caputo, Bob [<mailto:BCaputo@nfpa.org>]
Sent: Wednesday, March 30, 2011 9:51 PM
To: [REDACTED]
Subject: RE: Overhead Doors

Mr. [REDACTED]

No. This rule is specific to standard spray sidewall sprinklers. Please note that NFPA 13, 2010 edition, chapter 8, sections 8.6 through 8.12 each address spacing, location and obstruction rules for specific sprinkler types. The rules for section 8.7 only apply to section 8.7 as do the remainder of these sections.

Sincerely,

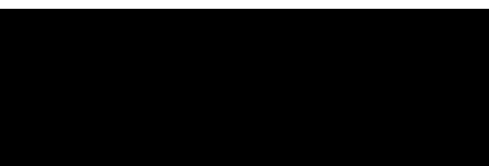
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Check out NFPA on...



From: [REDACTED]
Sent: Wednesday, March 30, 2011 3:05 PM
To: Sprinklers
Subject: Overhead Doors



8.7.3.1.7 Where sidewall standard spray sprinklers are installed to protect areas below overhead doors within ordinary hazard occupancy spaces or rooms, protection area and maximum sprinkler spacing for light hazard as specified in Table 8.7.2.2.1 shall be permitted under the overhead doors.

Would this rule also apply to using extended coverage sidewall sprinklers under overhead doors?